

Release notes for ENDF/B Development dec-055_Cs_140
evaluation

ENDF
B-VII.**dev**

October 13, 2016

• **fizcon** Errors:

1. Beta spectrum integral too small
MAT=1804, MF= 8, MT=457 (1): Beta spect int (b)

ERROR(S) FOUND IN MAT=1804, MF= 8, MT=457
 FT VALUE TOO SMALL

2. This message would be more descriptive if I knew what FT meant
MAT=1804, MF= 8, MT=457 (2): Illegal FT

ERROR(S) FOUND IN MAT=1804, MF= 8, MT=457
 FT= 2.06658E+05 E= 4.20000E+05 I= 215

3. Beta spectrum integral too small
MAT=1804, MF= 8, MT=457 (3): Beta spect int (b)

ERROR(S) FOUND IN MAT=1804, MF= 8, MT=457
 FT VALUE TOO SMALL

4. This message would be more descriptive if I knew what FT meant
MAT=1804, MF= 8, MT=457 (4): Illegal FT

ERROR(S) FOUND IN MAT=1804, MF= 8, MT=457
 FT= 2.11076E+05 E= 6.20000E+05 I= 216

5. Energies released in decay not adding up!
MAT=1804, MF= 8, MT=457 (5): Bad energy sum

ERROR(S) FOUND IN MAT=1804, MF= 8, MT=457
 GAMMA ENERGY (GE) SUMUP FAILURE
 WHOLE= 1.86442E+06 SUM= 1.79612E+06 SEQUENCE NUMBER 2